Weekly Metrics for October 31 – November 6, 2004

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
Aura (7/04)	HIRDLS	L0 Ingest	GES DAAC	6	1x Baseline	5	
		L1 Prod	GES DAAC	5	1x Baseline	0	
		Archive	GES DAAC	11	1x Baseline	5	S
	MLS	L0 Ingest	GES DAAC	8	1x Baseline	7	
		L1 Prod	GES DAAC	26	1x Baseline	0	
		Archive	GES DAAC	34	1x Baseline	7	S
	OMI	L0 Ingest	GES DAAC	57	1x Baseline	37	
		L1 Prod	GES DAAC	152	1x Baseline	99	
		L2 Prod	GES DAAC	209	1x Baseline	2	S
		Archive	GES DAAC	478	1x Baseline	138	
	TES	L0 Ingest	GES DAAC	231	1x Baseline	85	T
		L1 Prod	GES DAAC	210	1x Baseline	0	T
		Archive	GES DAAC	241	1x Baseline	85	T
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	0.6	
		Archive	GES DAAC	0.9	1x Baseline	0.6	
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	34	H
		L1 Prod	NSIDC	115	1x Baseline	128	H
		L2-3 Prod	NSIDC	43	1x Baseline	0	H
		Archive	NSIDC	199		162	H
		Distribution	NSIDC				
		End Users		166	Various	194	G, N
		Data Pool				11	R
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	90	
		L1 Prod	GES DAAC	1,211	Various	347	A
		L2 - 3 Prod	GES DAAC	213	3.045x Baseline	78	A
		Archive	GES DAAC	1,522	Various	516	A
		Distribution	GES DAAC				
		Testing/QA		99		99	
		Production				93	
		End users		471	Various	217	G, N
		Data Pool				591	R
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	28	Various	7	B
		L2-L3 Prod	GHRC	77	3.045x Baseline	36	C
		Archive	NSIDC	114	Baseline	50	C
		Distribution	NSIDC				
		Production				88	
		End Users		35	1.015x Baseline	108	G, N
		Data Pool				16	R
	CERES	Archive	ASDC	496	Various	TBD	
		Distribution	ASDC				See
		Testing/QA		1,421	IT Requirements	TBD	Footnote Q
		End Users		109	1.015x Baseline	TBD	
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	520	
		L1 Prod	GES DAAC	7,569	Various	2,351	M
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	2,958	L, M, P
		Archive	LP DAAC	7,034	Various	2,127	
			GES DAAC	12,989	Various	3,592	L, M, P
			NSIDC	853	Various	110	M, P
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	5	
		End User		2,345	1.015x Baseline	0	G, N

		Data Pool				1	R
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	609	
		Production				6,020	
		End Users		4,157	1.015x Baseline	946	G, N
		Data Pool				98	R
		Distribution	NSIDC				
		End User		284	1.015x Baseline	1	G, N
		Data Pool				0.2	R
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0.9	D
		Distribution	ASDC				
		Production				0.4	
		End Users		0.02	1.015x Baseline	0.9	G, N
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	510	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	102	E
		L1B Archive	LP DAAC	271	1.015x Baseline	103	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	351	E
		Archive	LP DAAC	2,173	Various	964	E
		Distribution	LP DAAC				
		Production				201	
		End Users		1,221	1.015x Baseline	162	G, N
		Data Pool				2	R
	CERES	Archive	ASDC	357	Various	TBD	
		Distribution	ASDC				See
		Testing/QA		1,421	IT Requirements	TBD	Footnote Q
		End Users		119	1.015x Baseline	TBD	
	MISR	L0 Ingest	ASDC	249	1x Baseline	257	
		L1 Prod	ASDC	3,359	Various	2,931	
		L2-L3 Prod	ASDC	285	3.045x Baseline	278	
		Archive	ASDC	3,894	Various	3,466	
		Distribution	ASDC				
		Testing/QA		137	IT Requirements	1,290	
		Production				1,772	
		End Users		1,215	1.015x Baseline	1,759	G, N
		Data Pool					R
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	515	
		L1 Prod	GES DAAC	7,570	Various	2,456	
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	2,927	L, M, P
		Archive	LP DAAC	7,034	Various (L2-L4)	2,234	M, P
			GES DAAC	12,990	Various (L0-L4)	3,554	L, M, P
			NSIDC	853	Various (L2-L3)	113	M, P
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	6	
		End Users		2,345	1.015x Baseline	3,124	G, N
		Data Pool				84	R
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	569	
		Production				7,823	
		End users		4,157	1.015x Baseline	1,476	G, N
		Data Pool				278	R
		Distribution	NSIDC				
		End Users		284	1.015x Baseline	10	G, N
		Data Pool				<0.1	R
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	2	
		L1 Prod	SIPS	2	Various	7	I
		L2 Prod	SIPS	2	3.045x Baseline	9	I
		Archive	ASDC	6	Various	19	I

		Distribution *Production* *End Users* *Data Pool*	ASDC	1	1.015x Baseline	2 7 6	G, N R
ADEOS-II (12/02)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC			0 1	O
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	PO DAAC PO DAAC	NA	NA	1 22	J
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC	109	Weekly Average	42 441	J
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	PO DAAC PO DAAC	24	Weekly Average	0 15	J
Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	44 307	K

Notes:

A. Represents regular forward production only. No reprocessing was done, since current phase of major reprocessing was completed on June 20.
B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process. L1 products are processed in Japan and sent to the US.
C. Includes forward processing of current data (October 26 – November 1). A major reprocessing for the June 2002 - February 2004 data is completed. Level-2 and –3 reprocessing was done for April/May 2004 data..
D. Data from this instrument is not transmitted to DAAC daily.
E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June 2003, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
F. Includes forward and reprocessing.
G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
H. Since November 19, 2003, GLAS laser operates during intermittent observing periods to conserve laser power. Only the raw data product is delivered on a daily basis to the DAAC.
I. Archival volumes for MOPII L1-L2 at LaRC products are dependent on MOPITT SIPS production schedule.
J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
K. Includes distribution of educational materials.
L. Actual volume does not include the MODIS ocean color products processed at SeaDAS (SeaWIFS Data Analysis System).
M. Very little or no reprocessing was done.
N. Does not include the distribution by data pool.
O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
P. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule. Values reported here represent what have been archived at DAACs. MODAPS production volume could be different.
Q. No information is available.
R. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
S. No or very little higher level (L2+) product has been generated yet.
T. TES instrument is experiencing filter wheel anomalies and no data has been collected.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1st year after launch	2nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.